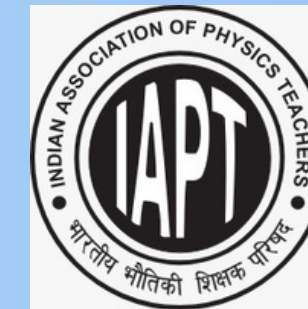


# NATIONAL ANVESHIKA EXPERIMENTAL SKILL TEST

## INFORMATION BROCHURE- NAEST 2025

*NATIONAL ANVESHIKA NETWORK OF INDIA (NANI) , a unit of INDIAN ASSOCIATION OF PHYSICS TEACHERS(IAPT), in collaboration with SHIKSHA SOPAN, conducts this unique experimental skill test in physics annually, under the leadership of Dr. H. C. Verma (the eminent Physicist and recipient of the Padma Shri award 2020), with the help of its network of 31 Anveshikas all over India.*



## Eligibility

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### ELIGIBILITY

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The test is conducted in two categories:

**Junior:** Students enrolled or going to be enrolled in any class 9/10/11/12 for the academic session of 2025-2026, under any Indian educational board.

### THE VARIOUS ROUNDS

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Students enrolled in class 12 as on January 1, 2025, are also eligible in the Junior category.

### PRIZES

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**Senior:** Students enrolled in B.Sc/M.Sc for the academic session of 2025-2026, in any affiliated Colleges/ Universities of India.

### TIMELINES

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Students enrolled in B.Sc final year or M.Sc final year as on January 1, 2025, are also eligible in the Senior category.

**NAEST national toppers of previous years will not be eligible.**

# THE VARIOUS ROUNDS OF NAEST

## ***The first round: SCREENING (ONLINE)***

A video-based round consisting of short one-minute videos based on some observations in our day-to-day life or in the labs. Multiple choice questions having one or more correct answers will be framed on the basis of the videos. The questions aim to test some concepts of physics. Time duration of the exam will be 90 minutes.

## ***The second round: PRELIMS(ONLINE)***

Students will receive write ups of three experiments in consecutive weeks, once this round begins. They have to perform these experiments at home. They are required to make and send a report for each experiment within a week which includes their observations, analysis and videos.

These experiments are designed to be performed using available household materials. Innovation required in designing the setups of these experiments tests the skills of the student.

## ***Channels of entry to the Prelim round***

1. **Screening round cutoff:** Students shortlisted from the screening round on the basis of their performance
2. **LEPTON Programs:** Toppers of the LEPTON program as per policy.
3. **Large institutional enrollment:** If more than 50 students of the same institution appear for screening, the top scorer of that institution will have an ensured entry in the prelim round

Verification of eligibility will be through Institution IDs/marksheets. If a student is found ineligible at any stage of the competition, he/she will not proceed further

## ***LEPTON***

LEPTON is an offline experiment-based program conducted by the Anveshikas in the various institutions of their regions. It includes video-based quizzes designed to test students' physics concepts. Top performers in LEPTON will be eligible for directly participating in the online Prelim round of NAEST 2025 as per the LEPTON norms.



## Evaluation process in Prelim round

For the evaluation of the reports, the students will be grouped into various centres. There will be a centre-wise evaluation of the reports independently at each centre. Each centre topper will be selected for the semifinal round. Due to some reason if the centre topper cannot participate, the same opportunity will be extended to next highest scorer.

Regional prizes at each centre of Prelims round are given as a token of appreciation

First: Rs. 1,000

Second: Rs. 750

Third: Rs. 500

## Semifinal and the final rounds

### A unique opportunity:

These rounds are held in physical mode in Kanpur under the direct guidance of Dr. H. C. Verma. In the semifinal round, the students have to perform three new experiments on the set-ups which are made in the divine premises of Sopan Ashram.

Students who qualify in the Semifinal round go into the Final round to work on new experimental set-ups. The National winners in each category are declared on the basis of their performance,





## ***National level prizes***

### ***IAPT-Shilpa Nandakumar Memorial Award***

#### **Junior Category:**

**First: Rs. 5,000**

**Second: Rs. 3,000**

**Third: Rs. 2,000**

#### **Senior Category:**

**First: Rs. 5,000**

**Second: Rs. 3,000**

**Third: Rs. 2,000**

### ***Shiksha Sopan Award***

**(sponsored by Pragati foundation)**

#### **Junior Category:**

**First: Rs. 10,000**

**Second: Rs. 5,000**

**Third: Rs. 2,500**

#### **Senior Category:**

**First: Rs. 20,000**

**Second: Rs. 10,000**

**Third: Rs. 5,000**

## ***Scholarships for school students by Shiksha Sopan*** ***(sponsored by Pragati foundation)***

- Scholarships of Rs. 50,000 per year for four consecutive years. This can be availed by all the top three winners in the Junior category (class 9 - 12) for their higher studies.***
- Scholarship amount can be raised to Rs. 80,000 per year based on the adjudged economic condition of the student.***
- The National winners will be felicitated at the National convention of IAPT***
- Participation/excellence certificates will be issued at various levels of the competition. In addition, certificates will be issued for individual experiment toppers of each centre in the prelim round.***

## How can you participate in NAEEST?

- Visit the site [naest.shiksha-sopan.org](https://naest.shiksha-sopan.org) and register
- Appear for the screening test on the scheduled date

*The timeline for NAEEST 2025 is as follows:*

- *Registration begins on April 1, 2025 and will be open till the third week of May, 2025*
- *Screening round: June, 2025*
- *Prelim round: July, 2025*
- *Semifinal and Final rounds: September, 2025*

**Contact details:**



**8081176889**



**[naest@shiksha-sopan.org](mailto:naest@shiksha-sopan.org)**